

Title (en)
PIPE JOINT

Title (de)
ROHRVERBINDUNG

Title (fr)
RACCORD DE TUYAU

Publication
EP 4001725 B1 20230118 (EN)

Application
EP 21204732 A 20211026

Priority
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Abstract (en)
[origin: EP4001725A1] To provide a pipe joint that can immediately shut off a hydrogen gas flow path at an initial stage when a plug (nozzle side member) comes out of a socket (filling apparatus side member) to prevent release of outgas. A pipe joint (100) of the present invention includes: a cylindrical nozzle side member (10) with a shutoff valve (5), in the cylindrical nozzle side member (10) being formed a passage (1A); and a cylindrical filling apparatus side member (20) with a shutoff valve (24), in the cylindrical filling apparatus side member (20) being formed a passage (21A), wherein when the nozzle side member (10) and the filling apparatus side member (20) are connected with each other, central axes of the passages (1A, 21A) of the nozzle side member (10) and the filling apparatus side member (20) do not form a same straight line, and the central axes of the passages (1A, 21A) are offset without intersecting, and the shutoff valves (5, 24) of the both members (10, 20) open to communicate the passages (1A, 21A) of the both members (10, 20) with each other, and when the nozzle side member (10) is separated from the filling apparatus side member (20), the shutoff valves (5, 24) of the both members (10, 20) close.

IPC 8 full level
F16L 55/10 (2006.01)

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